

Amendment Under 37 C.F.R. § 1.111  
USSN 10/799,888  
Attorney Docket Q79842  
August 9, 2005

## **AMENDMENTS TO THE CLAIMS**

**This listing of claims will replace all prior versions and listings of claims in the application:**

### **LISTING OF CLAIMS:**

1. (Currently Amended) A capping head for application of caps on bottles or containers, wherein it comprises a casing having an end mouth designed to fit on the bottle or container so as to define a closed chamber, within which there is enclosed the head, and means for connecting said closed chamber with a source of vacuum for the purpose of communicating said vacuum to the space inside the bottle or container before the end of application of the cap on the bottle or container, and

wherein said casing is mounted on said capping head so as to be movable therewith towards and away from a bottle or container, and that said closed chamber is defined by said casing when the latter engages the bottle or container as a result of the lowering movement of the capping head onto the bottle or container.

2. (Original) The capping head according to Claim 1, wherein said casing is mounted on the structure of the capping head with interposition of rolling bearings and has its end mouth made in an end wall that is elastically compliant within the casing.

3. (Original) The capping head according to Claim 2, wherein said connection means comprise valve means set between the structure of the casing and the structure of the capping head.

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4. (Original) The capping head according to Claim 3, wherein said valve means comprise a valve body rigidly connected to the casing and mounted with the possibility of axial sliding with respect to a valve element, which is mounted with interposition of the aforesaid rolling bearings on the structure of the capping head.

5. (Original) The capping head according to Claim 4, wherein said valve element has two opposite operating positions, in one of which it connects a chamber communicating with the space inside the casing to an opening for connection with the source of vacuum and in the other of which it connects the aforesaid chamber to an opening for connection to a discharge.

6. (Original) The capping head according to Claim 1, wherein said end mouth of the casing is provided with a seal ring.

7. (Previously Presented) A capping machine, wherein it comprises one or more capping heads according to claim 1.

8. (Canceled)